

JULY 1984

ANCHORAGE  
A.R.C.

President-Daniel Stevens KL7WM  
Editor-Jay Jennings KL7JGU

## EVENTS

*Social  
Jewel Lake Park  
21 July  
2pm*

- July 6      General membership meeting.  
7PM-UAA Consortium Library Building.
- July 18     AARC Board of Directors meeting.  
7PM-Northway Mall.
- July 28     PARKA meeting.  
1PM-Pioneer Home.

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## New Officers 1984/5

President---Daniel Stevens KL7WM  
Vice President---Lorraine Conary KL7IAF  
Secretary---Lance Dunbar AL7BK  
Treasurer---Fred Wegner KL7HFM  
Club Trustee---Bill Reiter KL7ITI  
Past President---Wilse Morgan KL7CQ  
Activities Mngr---Mary Laws NL7DM  
3 Year Board Members:  
Jim Larsen AL7FS  
J.D. Delancy K1ZAT  
David Stevens KL7EB

Board Members:  
Ed Tucker KL7DU  
Fenton Rexford NL7BE  
Jay Jennings KL7JGU  
Martha Neeley KL7QS  
Jean Belfield KL7VT  
John Williams AL7CT

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"The Voice of the Anchorage ARC" is published monthly by the AARC to further the cause of amateur radio as a hobby and public service. Subscription is available through membership in the AARC. Articles and photos are encouraged (and sometimes begged for) from all readers. Permission to reprint is granted with proper credits. SK



## THE VIEW FROM MT. OLYMPUS .....(FINAL EDITION)

Senator Barry Goldwater, K7UGA, made a speech on the floor of the U.S. Senate and it's in the Congressional record dated May 3, 1984. The speech was about amateur radio and in the Congressional Record, he congratulates the Anchorage Amateur Radio Club for being the first approved Volunteer Examination Coordinator (VEC) and also the first to hold the first VE testing session. Our thanks to the Senator for helping to bring this about.

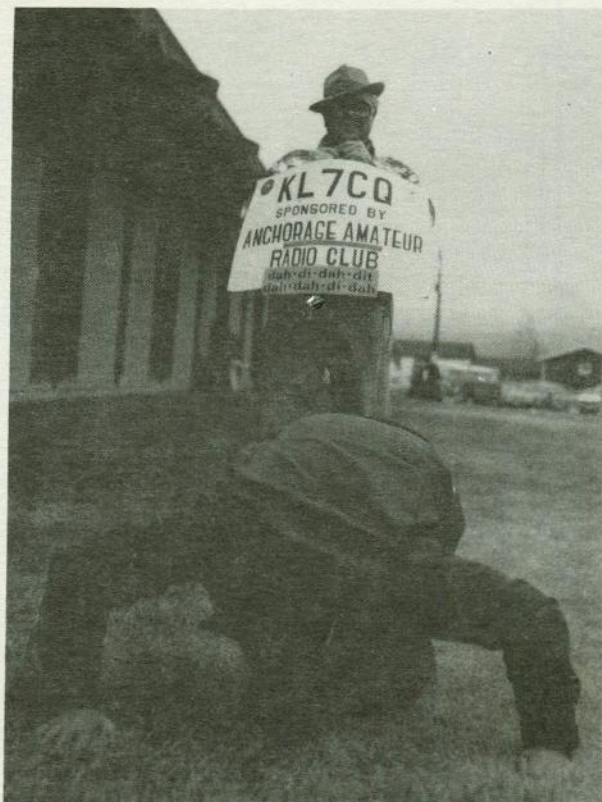
Field Day of course will be past history by the time you read this newsletter. I hope we do well, because if we don't we will have to buy a nice plaque for Juneau. Bryce AL7DL and Bill KL7ITI the cochairmen for the event are working very hard on many last minute details to get organized.

The end of July will bring four days of the Alaska State Amateur Golf Tournament. Joyce KL7MQ, will be the chairperson for the event. It will be run again this year on 220 MHz on teletype at both golf courses--Elmendorf and Ft. Rich's Moose Run. If you can help especially during the week on Thursday and Friday, please give Joyce a call, she will appreciate your volunteering. The Sunday evening culmination of the golf tournament is always a great dinner (volunteers free) at the award banquet hosted by the Golf Assn.

Bob Mckinnie AL7AW has told our Flea Market chairman, Jay Jennings KL7JGU that he will handle the Flea Market Raffle this year. It is really an awfully big job and should probably have 1 or 2 co-chairmen to work with him. Approximately 2000 tickets have to be sold and distributed to people to sell them. I wish to thank Bob for taking on such a large and difficult task.

Of course the big thing this month was elections at the June 1st meeting. There were lots of people who stood up and volunteered to run for the various offices from president on down to the the 1 year board members. As you know, we must have two people running in order to have an election for an office. The membership elected several new people onto the Board of Directors so we have lots of new blood to blend in and work with those who have been around for awhile. Also, the officers and board are now made up of 25% YLs--I think that is very good and speaks highly of our club.

This is my last editorial and I can say that the year has gone very quickly. I wish to thank all those people who participated in our club events and made them possible--particularly those who volunteered to be chairmen of these activities. As each year goes by our projects and public service works seem to get more and more complex, just as many other things in our lives do. My best wishes to our new president, Daniel Stevens KL7WM and all the new officers and board members. I guess I've said it all, so let's look forward to another great year for the AARC.



73  
Wilse Morgan, KL7CQ  
El Presidente

*Wilse*

PS HOW MANY OF YOU REMEMBER WHAT I WAS DOING IN THIS PICTURE?



## THE VERY FIRST VOLUNTEER EXAM

Wilse KL7CQ

The very first volunteer examination in the United States was given at Ft. Richardson, Kiska Hall Room 8 on Tuesday, April 17, 1984. The examination was given to about 17 members of my Anchorage Community College Amateur Radio Class and another 15 or 20 people who wished to upgrade or take their Technician and General Class exams. Volunteer examiners were only giving the Novice, Tech, and general tests at this meeting. Sandy KL7FR of the FCC gave the Advanced and Extra class exams. Roger Hansen KL7HFQ, the director of the VEC Board was present. The Volunteer Examiners on hand were Martha Ogren KL7KL, John Jones (JJ) NL7A, and I, Wilse KL7CQ. It was definitely an historical event in the annals of Hamdom. Congratulations to Richard Dennis KL7IOL, for being the very first to pass a volunteer examination. Richard upgraded from novice to technician. Also my congratulations to Carolyn Evans (now NL7DH) who took and passed the 20 wpm and passed the general class exam. Both of these successful examinees were students in my ET 194A ACC ham class. Congratulations go to Ben Whitehead (formerly WL7AYX now KL7YH) our next-to-the-youngest ham (13) on upgrading from technician to general. I wish to thank the VEC Board--Roger KL7HFQ, director; Tim NL7D, Joyce KL7MQ and Dave NL7P. Theirs is not an easy task making up the answers to the examination, the code tapes for the 5, 13 and now 20 wpm. tests, and making sure all the paper-work required by the FCC is filled out properly. The VEC Board as of now is responsible for giving all classes of exams, technician through extra class. The FCC plans on having two more testing sessions and then they will be out of the business. The Anchorage Amateur Radio Club as VEC will have to carry on completely in 1985--a job that will not be easy.



Ben Whitehead KL7YH after passing his 13 wpm.  
for the General Class License

The first ham to pass a  
volunteer examination.

l-r

John Jones (JJ) NL7A, VE  
Richard Dennis KL7IOL \*\*\*\*\*  
Wilse Morgan KL7CQ, VE  
Martha Ogren KL7KL, VE  
Roger Hansen KL7HFQ, Director  
VEC.



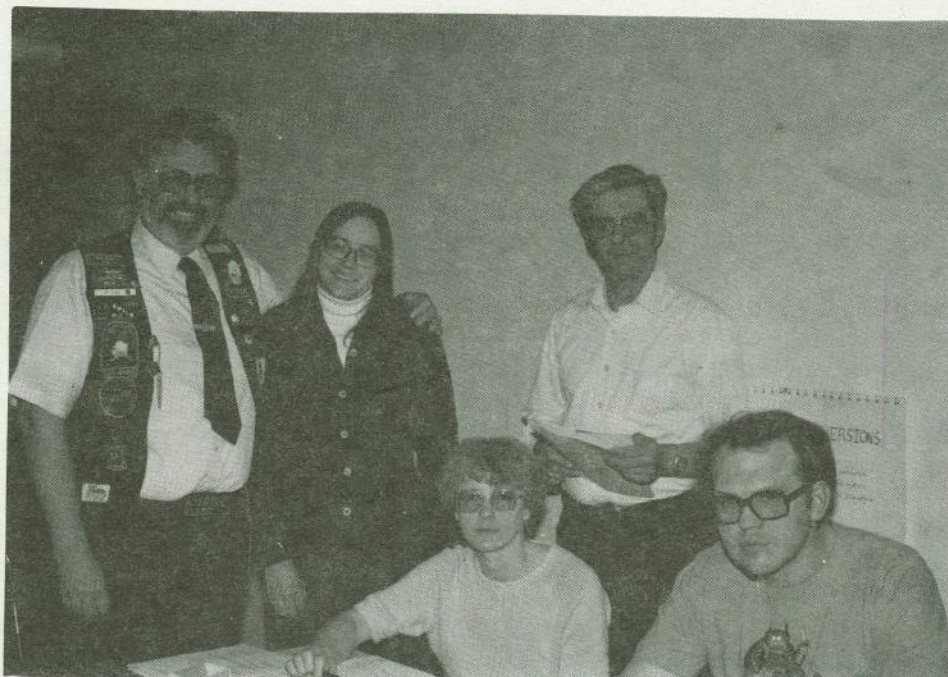


## More Volunteer Testing

left to right

Wilse KL7CQ with arm around Carolyn Evans NL7DH, JJ NL7A, Martha KL7KL, Roger KL7HFQ

Carolyn is the first YL to pass the first Volunteer Examination testing.



The final wrap-up of instructions before the testing began.

Sandy KL7FR seated to the right of Wilse is with the FCC and gave the Advanced and Extra tests.

The following is the examination schedule for all amateur class radio examinations (Novice, General/Technician, Advanced, and Extra) to be held in Fairbanks.

Sunday, July 15, 1984, Geophysical Institute Conference Room, 218 Elvey Building, University of Alaska Campus, beginning at 1 PM

Sunday, August 19, 1984, Geophysical Institute Conference Room, 218 Elvey Building, University of Alaska Campus, beginning at 9 AM

Saturday, September 8, 1984, Geophysical Institute Conference Room, 218 Elvey Building, University of Alaska Campus, beginning 9 AM

Should anyone desiring to take an examination(s) on any of these dates in Fairbanks please notify the Arctic Amateur Radio Club, P.O.Box 73301, Fairbanks, Alaska 99707 of your intentions and to make sure that adequate forms and testing materials are available. The examinee should have a Xerox copy of his license to attach to the form as copying facilities at the testing site may not be available.



**ANCHORAGE AMATEUR RADIO CLUB  
BOARD MEETING  
June 20, 1984**

Present: President Wilse Morgan KL7CQ; Past President Bob McKinnie AL7AW; Vice President Bryce Rumery AL7DL; Activities Manager Daniel Stevens KL7WM; Secretary Lance Dunbar AL7BK; Treasurer Fred Wegmer KL7HFM; Trustee Bill Reiter KL7ITI; Board Members Martha Neeley KL7QS; Betty Rhodes KL7AP; April Delancy AL7CV; J.D. Delancy K1ZAT; David Stevens KL7EB; Jim Larsen AL7FS and Tim Pettis KL7WE. Absent: Board Members Art Taylor KL7SK and Mel Warner WL7J. Also present: Vice President-elect Lorraine Conary KL7IAF, Board members-elect Jean Belfield KL7VT, Fenton Rexford NL7BE, Ed Tucker KL7DU, Jay Jennings KL7JGU and visitors Bud Laws KL7IBZ, Bill Balzarini KL7BB, Marriner Bertholf NL7AF, Ken Slauson WB7SFO, Joe Kile NL7CP and George Morgan, Wilse's father.

The meeting was called to order by President Wilse Morgan KL7CQ at 7:21 P.M. in the Community Room at Northway Mall. The minutes of the previous Board and General meetings were read and accepted after corrections.

The treasurer's report was circulated, discussed and accepted.

It was noted that J.D. Delancy K1ZAT has two years remaining as a three year Board Member and David Stevens KL7EB has one year remaining on his three year term, while Jim Larsen AL7FS was just elected to the other three year seat.

Officers-elect and Board Members-elect were introduced to the Board.

Bryce Rumery AL7DL and Bill Reiter KL7ITI reported that everything was about ready for Field Day, with most operating positions filled and equipment and antennas procured. Arrangements are still being made for the OSCAR station, specifically, the need for someone to set it up and get it operational. Ken Green has offered the use of his equipment, but will not be in attendance at Field Day. Bill Balzarini KL7BB will help with getting the station up and running and Bob McKinnie AL7AW will provide antennas. Jay Jennings KL7JGU will run the novice station. Press releases have been sent out and Public Service Announcements are being aired on KYAK radio. Betty Rhodes KL7AP reported that preparations for the picnic were going well, and that serving would begin at 1:00 P.M. Wilse announced that License Exams would be held at CAP Headquarters on Saturday at 11:00 A.M. and 5:00 P.M. Novice, Technician and General Tests can be taken twice, if needed, but



Advanced Tests can be taken only once. A flyer has been mailed to all club members.

Flea Market Chairman Jay Jennings KL7JGU reported that Bob McKinnie AL7AW has volunteered to be the Flea Market Raffle Chairman. A site for the Flea Market is still being looked for. Flea Market will be held on September 15 and 16.

Activities Manager Daniel Stevens KL7WM announced that the meeting for July will be held on July 6. Bud Laws KL7IBZ, reported for Activities Manager-elect Mary Laws NL7DM that the meeting for July was all set and that she had worked with Daniel on programs and door prize procurement.

Daniel also reported that the Girls' Club Tricathalon went very well, and that Jay KL7JGU had taken over as Chairman for the event. Jay reported that it was pretty slow, with not much vital traffic being passed.

David Stevens KL7EB reported that his visit at the Northwest ARRL Convention went well and that he was well received by all present. He said that this was the first time that all Section Managers had been present at the convention. He reported that some of the hams who had helped pass traffic on Mothers' Day suggested that the event be held earlier to make it easier to get the traffic passed. Tim Pettis KL7WE said that his presentation on satellite communications was very well received and that he had received about 125 requests for copies of the material.

Bryce AL7DL reported that a letter had been sent to AL7BV regarding the status of the Tok repeater. Bryce had talked to Will Darcy AL7AC about the repeater and was told that AL7BV was still in the Tok area.

Ken Slauson WB7SFO lobbied to keep the 146.22/82 repeater on the Turnagain Arm because it provides better coverage of the Arm and Turnagain Pass than other repeaters, and is a viable public service because it provides a more reliable means of communications in event of emergency.

Bryce AL7DL announced that Irv Edge AL7CN will no longer provide the club with the use of his computer to maintain and store club records. Jim Larsen AL7FS will copy the data disk and attempt to retrieve the data. The address labeling for the next newsletter will be done by hand by April Delancy AL7CV and a bunch of volunteers at Field Day.

J.D. Delancy K1ZAT, Membership Chairman, reported that membership was up to 421, with 124 Life Members and 15 making Life Membership payments.



April Delancy AL7CV  
Jay Jennings KL7JGU  
Sharon Dean KL7VL  
Bill Balzarini KL7BB  
John Schull W4IGM

Mel Warner WL7J  
Martha Neeley KL7QS  
Jean Belfield KL7VT  
Bob McKinnie AL7AW  
Ed Tucker KL7DU

After the balloting, a break was taken.

Following the break, Mary Laws NL7DM was approved as Life Member #124.

Bev Faultersack WL7AXI announced that the June PARKA meeting would be held at the Pioneers Home at 1:00 P.M. on June 16, and that the PARKA Net is on Fridays at 9:00 P.M. on 90/30.

Election Chairman Harley Steward KL7IZZ announced that a runoff would be required for 2 of the 1 year Board positions, since four people were tied for the last two seats. Following the runoff election, the results of the election were announced. The following were elected as one year Board members:

Fenton Rexford NL7BE  
Jay Jennings KL7JGU  
Jean Belfield KL7VT

John Williams AL7CT  
Martha Neeley KL7QS  
Ed Tucker KL7DU

Following the drawing for door prizes, the meeting was adjourned at 10:10 P.M.

Attendance 60

Respectfully submitted,

Lance Dunbar AL7BK  
Secretary

# WEco

Tim Pettis, KL7WE 276-1977  
2132 Arlington Drive, Anchorage

ANTENNAS - ROTORS &  
AMATEUR SATELLITE, "OSCAR/RS", COMMUNICATIONS SYSTEMS

DEALER FOR: CUSHCRAFT - MICROWAVE MODULES - LARSEN  
KENPRO - MAXRAD - MAKI DENKI  
and other fine equipment



## BITS AND PIECES

GOOD DAY, HAS EVERYONE BEEN OUT ENJOYING THE SUNSHINE LATELY? DON'T BE LIKE I WAS LAST YEAR AND SPEND MORE TIME WORKING AROUND THE HOUSE AND FINDING THAT SUMMER PASSED BY BEFORE I REALIZED I SHOULD GET OUT AND ENJOY LIVING.

I BEEN ENJOYING READING THE NEWSLETTERS FROM OUT OF TOWN. I GOT AN ISSUE OF "SHORT CIRCUIT" FROM THE FAIRBANKS ARTIC A.R.C.. KL7HON GAVE AN INTERESTING TALK ABOUT HER EXPERIENCES MUSHING "THE QUEST DOG RACE" DURING THEIR APRIL CLUB MEETING. AL7L SUGGESTED A NEW Q-SIGNAL BE DEVELOPED MEANING THAT "THE OPERATOR IS IN THE HOT TUB". TRY THE SLOW CODE NET ON 21.14MHZ AT 7:30PM. GOOD PEOPLE LIKE AL7FG IS DONATING TROPHIES FOR THE NOVICE DEVISION OF THE FACT CONTEST. (I HOPE TO HEAR FROM THE AARC ABOUT THEIR POPE-PRESIDENT VISIT).

WE HAVE COMMENTS FROM JUNEAU ABOUT GOING BACK TO THE "PREFERRED" CALLSIGN BY SENORITY. (ANY COMMENTS?). THERE SEEMS TO BE A LOT OF TALK OF "INTRUDERS" INTO THE HAM BANDS ESPECIALLY ON THE VHF FM MODE. A AMATUER RADIO BRIEF QUOTE: LOCAL VALLEY BOY INJURES EYE, EYE BLOODY, CALLS MOTHER DOWNTOWN. MOTHER CALLS FELLOW EMPLOYEE WITH HANDHELD WHO CALLS ON JUNEAU 22/82. KL7HBV IN THE VALLEY ANSWERS UP, PICKS UP THE BOY, MEETS MOTHER AT THE HOSPITAL EMERGENCY ROOM. RESULT: BOY IS GOING TO BE OK, AND TWO MORE FOLKS GOT INTRODUCED TO THE USEFULNESS OF HAM RADIO.

THE SPARC GAP OUT OF PORTLAND IS DEEP INTO A RED CROSS DISASTER PLAN. THE COMM THEY ARE BEING TASKED WITH INCLUDE FOOD ORDERING, ADMIN RECORD KEEPING, PRIORITY MEDICAL TRAFFIC, WELFARE INQUIRES, SURVEY CREW TRAFFIC, AND COMM TO AND FROM RED CROSS AND DISASTER HQ'S PEOPLE. THERE WILL BE A STAND BY ROSTER POOL OF AMATUES TO DRAW FROM WHEN A DISASTER OCCURS. THE GIRL SCOUTS "GATHR" (GROWING AWARE THROUGH HAM RADIO) SET ABOUT 40 GIRLS BEHIND THE MIKE TALKING WITH COUNTER PARTS IN DIFFERENT CITIES IN A COMM EVENT. IN ANOTHER EVENT USING A CODE OSC AND A VIC 20 IN A COMPEDITIVE STRAIGHT KEY CONTEST THE HIGH SCORE WAS LOGGED BY AL7W AT 23 WPM. PORTLAND IS GEARING UP FOR THE SUMMER FOR SURE. THEIR ACTIVITIES INCLUDE: DIABETES BIKEATHON, CAR RALLEY, FIELD DAY, VANCOVER AND SEASIDE BOOTHES, ST JOHNS AND ROSE PARADES. AL7W WANTS TO PROMOTE AMATUER RADIO VIA BUMPER STICKERS.



DOUG, N7CDJ, OF THE OREGON TUALATIN VALLEY ARC HAS A VIC 20/ COMM 64 USERS GROUP THAT GIVES VALUABLE PUBLIC DOMAIN PROGRAMS INCLUDING: MORSE CODE PRACTICE, LOG AND DUPE SHEETS, ANTENNA DESIGN, PROPAGATION FORECASTING, ETC. HERES A DEFINITION FOR YOU: SPEECH PROCESSOR: AN ADJUSTABLE AUDIO DEVICE, TYPICALLY WITH TWO SETTINGS: "MASH", WHICH COMPRESSES THE AUDIO PEAKS THEREBY RASING THE BACKGROUND NOISE ALLOWING YOUR CONTACT TO HEAR YOUR BABY, YOUR DOG, THE DISHWASHER AND PASSING TRUCKS BETTER THAN YOUR VOICE AND "SPLATTER", WHICH SPREADS YOUR SIGNAL OVER A 10KHZ OR WIDER BANDWIDTH AND GAINS THE ADMIRATION OF YOUR FELLOW LIDS. BACK TO DEEPER SUBJECTS, THE GIRL SCOUTS ARE BUSY IN OREGON WITH "GATHR" LAST MARCH.

WESTERN CAROLINA ARC ADOPTED A PAGE COVERING "COMPUTER TALK". THE SUBJECT WAS, "WHAT WILL A PERSONAL COMPUTER DO FOR YOU?". IS THERE ANY COMPUTER BUFFS IN OUR ARC WANTING TO WRITE AN ARTICLE ON COMPUTERS? IF SO CALL JAY. SPEAKING OF COMPUTERS, I HAVE AN ATARI 800XL, IS THERE ANYONE WHO HAS A GOOD PROGRAM FOR ME?

THE "MICROVOLT" OF THE UTAH ARC HAD A MEETING WITH DISCUSSIONS ON AMTOR AND PACKET RADIO, SOUNDS INTERESTING. VOLUNTEERS? KI7L, STEVE, MADE A 3 ELEMENT BEAM FOR HIS HT AND WILL SHARE THE DESIGN WITH ANYONE INTERESTED.

THE "ELECTRON" FROM STERLING-ROCK FALLS ARC REMINDS US THAT THE REQUIREMENT FOR COMMERCIAL RADIO LICENSING WAS DROPPED. WELL TIME FOR ME TO GO.

GOD BLESS,  
RUSS, KL7EM

Last minute call!

KL7IZZ is moving a  
20X22 ft garage about  
2 miles. If you have any  
ideas, please call.

345-1530



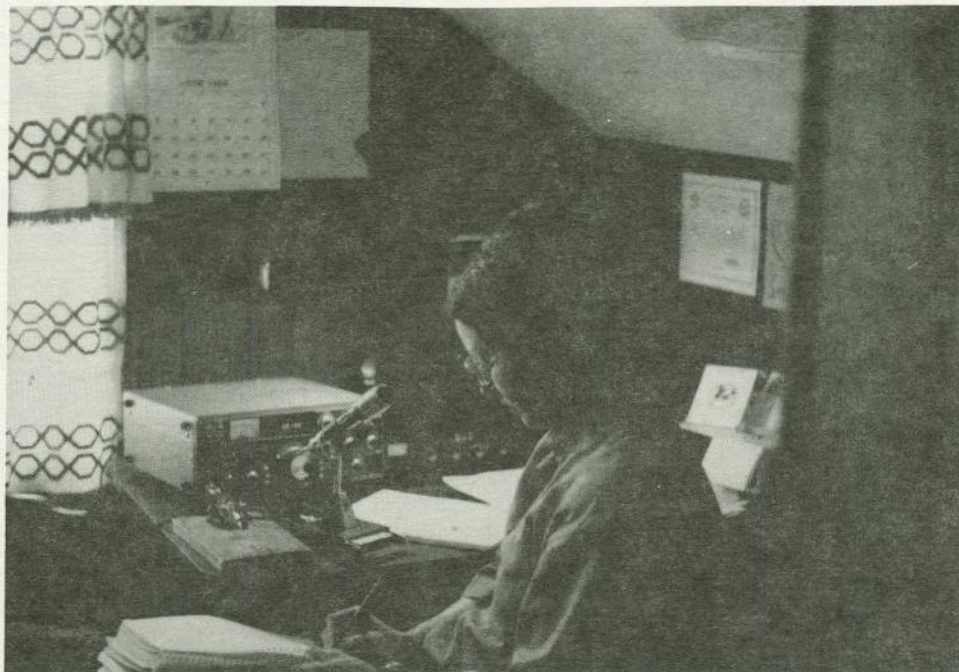
# A YL's Point of View

Well, here it is, the middle of summer, and I'm already thinking of how I'm going to keep my car warm next winter.

I finally got my antenna on my car and my radio back in circulation again. I'm also working on putting my 2 meter vertical antenna on my house so I will have 2 meter capability there, also.

Here is a word from a gentleman with whom a lot of us are well acquainted. His name is Mr. Fright, and he goes by the first name of

Mike. He is especially acquainted with the new Technician class licensees. He is just waiting (or not waiting) for you to strike up a conversation on the air. Just think how he gloats when you shy away from pushing the button on the mike. He knows you're out there, you new ticket holders (we won't mention any names). Now Mr. Fright would rather you didn't get on the air. He's quite a loner, and he wants to keep it that way. The sooner you zap him, the sooner you will be a vociferous voice on the air. We can beat him! Just rap him over the head a couple of times with a rubber ducky. So let's hear it for 2 meters...Yea! We'll see you (or hear you, rather) on the air.



The June PARKA meeting was highlighted by KL7AP's demonstration of soldering. Many thanks, Betty; a lot was learned. Hannalore Kelliher (KL7TO's YL) received her novice ticket and will try to upgrade on Field Day. Congratulations! The PARKAs have decided to hold their meetings on Saturdays, which seems to be the most convenient for most people. A PARKA net was suggested by KL7PA, and it was decided to hold the net Friday evenings at 9:00PM on 90/30. The net will serve many purposes besides friendly chit-chat. Please come up on the net and announce your call so we know you are there. We need your input. The July PARKA meeting will be at the Pioneer home on the 28th at 1:00PM. David Stevens, KL7EB, will be speaking on his duties as an ARRL Representative for Alaska.

The Golf Tournament is coming up-headed by Joyce Curman, KL7MQ (376-2188). Please call Joyce if you can help. Then comes the Arts Fair and the Flea Market in September. If you are going to be around, don't feel shy about volunteering!



ANCHORAGE AMATEUR RADIO CLUB  
GENERAL MEETING  
June 1, 1984

The meeting was called to order by President Wilse Morgan KL7CQ at 7:16 P.M. During introductions, it was announced that the Mayor's Marathon committee had asked for three volunteers to man checkpoints during the 26 mile marathon on June 23.

Joyce Curman KL7MQ volunteered to chair the Alaska State Amateur Golf Tournament to be held the last part of July.

Rodney Maney KL7SA, Field Day Raffle Chairman, reported that ticket sales were going slow and said that persons with money or tickets they could not sell should get them turned in as soon as possible.

Betty Rhodes KL7AP, Field Day Food Coordinator, announced that the chow line would form at 1:00 P.M. on Saturday. The club will provide meat and soft drinks. Those attending the picnic should bring food according to the following schedule, determined by class of license: Novices and Extras - miscellaneous items (chips, pickles, etc.); Technicians - salads; Generals - hot dish; Advanced - deserts.

It was noted that the raffle drawing will be held Saturday afternoon, the 23rd, not the 24th as printed on the tickets.

Fred Wegner KL7HFM suggested that someone help Rod KL7SA call people with outstanding raffle tickets and get them moving. Bob McKinnie AL7AW volunteered.

Flea Market Chairman Jay Jennings KL7JGU reported that the Flea Market will be held September 15 and 16, and that a site was being looked for. Planning and organization for the event is being worked on.

This being election night, President Wilse found it appropriate to begin the lengthy election process. The following members voted by proxy: KL7MU, KL7IMD, NL7AV, KL7NY, N5AEN, KL7OG, KL7SE, KE4GS, KL7BGZ, KL7ITI, NL7BG, AL7CN, KL7PU.

Presidential candidates Daniel Stevens KL7WM and Mary Laws NL7DM were announced. Bob McKinnie AL7AW and Vince Vanderhyde WL7K were nominated from the floor. Following short campaign speeches, ballots were cast and collected by the ballot counters.

While awaiting the results of the Presidential election, Beverly Faultersack WL7AXI and Robert Faultersack KL7SV were



approved as Life Members #122 and #123, respectively.

Jean Belfield KL7VT reiterated that the Eagle River Walk for Hope was a great success and thanked those who helped her for their assistance.

It was announced that Daniel Stevens KL7WM had been elected President for 1984-85.

The candidates for Vice President, Fred Toliver KL7HM, Lorraine Conary KL7IAF and Bud Laws KL7IBZ were announced. Bob McKinnie AL7AW was nominated from the floor, after which the nominations were closed and the balloting took place.

While awaiting the results of the V.P. election, Bob AL7AW gave a short report on his recent trip to China and his visit to BY1PK.

A Mothers' Day wrapup was given and all went pretty well, except that there were some problems getting traffic out due to a lack of stations in the Lower 48.

Lorraine Conary KL7IAF was elected Vice President.

It was announced that Sharon Dean KL7VL was the only candidate for Activities Manager. Mary Laws NL7DM was nominated from the floor, after which the nominations were closed and the ballots were cast.

Mary Laws NL7DM was elected Activities Manager.

Candidates for Secretary were Lance Dunbar AL7BK and Bryce Rumery AL7DL. There were no nominations from the floor, and ballots were cast.

Lance Dunbar AL7BK was re-elected Secretary.

Candidates for Treasurer were Fred Wegner KL7HFM and April Delancy AL7CV, with no nominations from the floor. Ballots were cast and Fred KL7HFM was re-elected Treasurer.

Jim Larsen AL7FS was the only candidate for the open 3 year Board seat. Bob McKinnie AL7AW and Bill Balzarini KL7BB were nominated from the floor and ballots were cast.

Jim Larsen AL7FS was elected to the Board for a three year term.

The following were candidates for the six one-year Board positions:

Fenton Rexford NL7BE  
Herb Rosenthal AL7G

John Williams AL7CT  
Fred Toliver KL7HM



The attached pictures are:

#1  
John Jones, NL7A; Richard Dennis, KL7IOL, Wilse Morgan, KL7CQ; Martha Ogren, KL7KL; Roger Hansen, KL7HFQ.

Richard is the first person to pass an exam under the VEC program.

#2  
Wilse Morgan, KL7CQ; Carolyn Evans, ML7DH; John Jones, NL7A; Martha Ogren, KL7KL; Roger Hansen, KL7HFQ.

Carolyn Evans is the first YL to pass a VEC exam and receive a ham license.

Photographs by  
KL7JHR  
Dennis Ogren

Submitted by  
David Vogel, NL7P  
Box 111877  
Anchorage, AK 99511

**1**



**2**







# Dayton Amateur Radio Assoc.

P.O. Box 44  
Dayton, Ohio 45401

Reply to:

May 7, 1984

Anchorage Amateur Radio Club, VEC Board  
P.O. Box 101-987  
Anchorage, Alaska 99510-1987

Dear VEC Board,

Congratulations on having the first Volunteer Examiner in the nation and giving the very first Volunteer Exams. It is very reassuring to find such an enthusiastic group of Amateurs ready to serve the hobby.

It was a pleasure to meet Wilse G. Morgan at our Hamvention in April. His comments about your VE Program, during the Question and Answer Forum, were very informative. I only wish we had more time to chat about your operation.

Witse was kind enough to share some of your information, via mail, with our group. Our club, and I am sure yours, is very concerned about maintaining a high quality of examinations across the country and we feel that keeping in touch with what other VEC's are doing may help.

Each VEC and Region has its unique differences. You have an enormous geographic region to service with approximately 2,000 Amateurs. Where as, we have a much smaller geographic region with approximately 40,000 Amateurs to service. The way in which each implements the program may be greatly different but the necessities of the program may be quite similar. That is why we appreciated receiving the information from Witse.

We are enclosing a packet of information which our committee worked up for the Volunteer Examiner Program. Please feel free to make use of any of the information or forms. For your interest, our Certificate of Successful Completion is being changed slightly. If you wish, we will send you a copy of the new Certificate as soon as it is completed.

If there's any way in which our club may be of assistance, please let us know. We are more than willing to help out where we can. Also, we would be interested in seeing any other materials your group comes up with.

73,

Judith Lee Frye, KG8P  
DARA VEC Chairperson



## ANTENNAS - A FAVORITE SUBJECT

My favorite low-band antenna is the full wave loop, and the Yagi on the higher bands. But do you know what the favorite antenna is, world wide, U.S.A. excepted? It's the lowly ground plane. Running neck and neck with it is the random length wire antenna. This is true because the Hams in some of the foreign countries do not have the means, financial or otherwise, for more elaborate antenna systems. Almost anyone can come up with a GP, or a random length of any kind of old wire. Every time you turn on your broadcast band radio you are listening to a signal from a lowly ground plane! About 99 out of 100 commercial radio stations are using a single tower for a radiator, usually somewhere around a quarter wavelength in height. That other 1 in 100 are generally using a so-called directional array, 2 or more towers, and even those are usually GP's, phased and spaced so as to present a stronger signal over the area it is serving, and simultaneously a weaker signal towards a city where there is another radio station on the same frequency or channel. Stop and think for a moment; those people out there operating those commercial radio stations know a good thing when they find it. If a GP is good enough to make money with commercially, why aren't more Hams using them? Well, a GP is a mighty fine antenna, and certainly cheap enough. And, on 160, 75 or 40 meters, when used with a good ground system, you will find it very hard to beat. But the secret is "a good ground system". The FCC requires commercial radio stations to have a minimum of 120 quarter wave ground radials, plus a ground screen, usually copper chicken wire, out 20 to 30 feet, right around the base of the tower. It has been found that 120 radials gets just about all you can get out of a quarter wave vertical. But it's kind of hard for most of us to come up with 120 radials. Fortunately, the difference between 40 or 50 radials, and 120, is so slight that we can fudge and get by, just a little under 100% efficiency, with less than half the 120 radials! Now you tie a #6 wire, or larger, to the center of this ground system (preferable a 4" wide copper strap, however) and bring it into the station, then tie all your equipment to this excellent ground system, and watch TVI and RF in the shack magically disappear. Nothing beats a good ground except a better ground. Now, let it be remembered that those radials do not have to be buried. They usually are, commercially, as the area is usually used for a secondary purpose, such as cattle grazing, growing hay, etc. You don't want to trip over a ground wire every other step, and besides they usually end up in a year or two with half of them broken. If you are so inclined, quarter wave GP's can be put in parallel with each other. Just like dipoles in parallel, they act like they don't know each other. Another nice feature of the GP is the fairly low SWR. Too many of us are putting too much dependence in low SWR's, but then some of these new solid state rigs will not work worth a hoot with high SWR's. The usual quarter wave antenna has an input impedance of around 28 to about 35 ohms. Anything much removed from about 35 ohms represents ohmic losses in the ground system (that's heat and not radiated power!). If you are tuned up at resonance with the antenna, just keep adding ground radials until you get about 35 ohms impedance and you're in business. With 50 ohm coax, that will look like about 1.5 to 1, and that's not too shabby. Another thing, on the higher bands, where the GP is usually up in the air, and the radials are stretched out like guy wires, if you slope the radials down to an optimum point, you can achieve 1 to 1 SWR. This is (simply) because if you droop those radials until they are straight down, your feed line is looking at a vertical half wave antenna, fed in the center. And if a quarter wave antenna with the radials out 90 degrees is around 35 ohms, and if a quarter wave antenna with its radials down in line has an impedance of about 70 to 73 ohms, then it stands to reason that with those radials someplace in between straight out and straight down, there will lie a 50 ohm point, which will match your coax 1 to 1 !! (And this is why you see all of those CB antennas out there with drooping radials). If nothing else (and I strongly feel that such is the case) good came out of CB radio, one thing emerged flying high was efficient antenna systems. Those out there, as few as they may be, running a mere 5 watts, have to get all they can into the air where it will do the most good (?). Terry, W4FUI

Next month we hope to hear what Terry has to say on the subject of random length wires and the use of tuners and the effects of SWR on your equipment. (Ed.)

There is a very good article on ground radials and such by Arch Doty, (K8CFU), who is a member of WCARS and lives in Fletcher. It is the April issue of CQ Magazine (1984, pg. 24). (Ed.)

## THE SMOKE TEST

The Official Publication of The

Western Carolina Amateur Radio Society, Inc.

Editor: Bob Miller (W4AEY) 139 Brevard Rd. Asheville, N.C. 28806 Phone: 253-0929



# VHF Report

Well, here we are again. I've been out of town on my summer "field days". Went up to Mentasta Lake, about 55 miles this side of Tok. Set out one remote base with UHF control, and then proceeded to try and keep one step ahead of the people I work for. Ran into an interesting idea, the lodge owner at Mentasta Lake was told not to run the output of the generators at more than 100 volts. The reasoning was that he would get extended bulb life, but of course he got reduced life on the freezer motors, and our poor computer didn't know what to do. We even ran sola constant voltage transformers and they couldn't keep up with the variations; causing a quick trip to town to get a 32MB Quantum Hard Drive to replace the 8MB Winchester that finally had enough and quit.

The generator is putting out 120 volts after I got done with it, and the lodge owner thinks it's still at 100 volts. But that's another story!

While I was in that neck of the woods, I of course tried to work the Tok repeater, since for the first week I was staying in Tok and driving down to Mentasta every day. Repeated attempts to locate the repeater/operator met with no success. No one in Tok knew anything about the gentleman or about amateur radio repeaters. So, if you're traveling through Tok, forget the repeater, at least for now.

There is 2 meter activity in Glennallen, however. KL7AVS has a rig on 146.52 and is listening as often as possible. He is also trying to establish a remote base, at a nice high elevation. He also has plans to build up a low power repeater in the future.

While driving back to Anchorage a couple weeks ago, I had the great pleasure of working Rob, KL7IXV. He's a displaced Alaskan coming home. We worked 52 simplex for a couple hundred miles down the road. Expect to hear Rob on in Anchorage. Welcome Home Rob!

A couple of nights ago, along about the busy period on the 94 machine, I heard a couple of fellows in QSO, Then I heard a BREAK. I can only hope it was someone with an urgent need, otherwise just the suffix of the call should be used. In any case, the two in QSO acknowledged that there was a breaking station, and continued right on without letting the station in. I can only hope it wasn't a life threatening emergency. Please folks, if you hear a station using "BREAK", let them in. It may be that they need the authorities right now!! And please do not use BREAK unless you have an urgent reason. "Just to be on the radio" is not an urgent reason. If you have something to add to the QSO, throw in the suffix of your call.

Latest update on the Minchumina uplink/downlink...I have received the link transmitter and receiver boards. They are in the tender care of Al Andrus, KL7EF, who will be building up the interface board. We need someone to build up a low power CW ID board. It needs to run on 12 volts, be temperature stable, and ID KL7WM/R.



Will be looking for a work party to go to Hope this summer and retrieve the 146.22/82 machine, so that the duplexers can be retuned and crystals ordered for tuning up on 146.01/146.82.

The new UHF repeater with the "dit dit controller" is in the care of KL7BB for tuning and interfacing. Hopefully this will be up by the end of summer or early fall. This will have autopatch and the first four numbers of autodial, same as the 34/94 machine.

KL7SK is busy wiring up the Heathkit weather stations (donated by KL7EB) that will be interfaced with the 94 controller, so that temperature, wind speed/direction, and barometric pressure can be read back for any user needing the latest weather info.

KL7EM is working on building up the repeater that the club promised to Soldotna. The original Motorola is not suitable, and Russ is starting again using a GE MASTR PRO system that was donated to the club last spring.

Ever wish that your handheld with the rubber ducky could get into the 94 machine better? Ever wish that most of the dead spots could somehow become live spots? All over Anchorage, maybe even up the road towards Eagle River a little farther? Well there is a way. It's called receiver voting, using one or more 34 receivers located in prime locations, say on Elmendorf, and in Muldoon, and linked to the 94 site with 220 or 440 transmitters, and a receiver voting system at the 94 site to pick the best signal. It's possible! Think about it. If this is an option that you would like, then let me know. It can be done, reasonably, and reliably, without the visitor or local operator having to remember anything except to key his radio. And if you drive or walk out of the coverage area of one receiver, the voting system will instantly switch to the receiver getting the best signal. Again, think about it and let me know.

We're due to depart for King Salmon before you read this. Now of course, if you want a real field day, I can probably arrange it so that you can spend some time in one of our field camps. Say nice Eagle Creek, on the slope...North!

Interested in Air Force MARS, where even a Novice can run voice, RTTY, and other interesting modes? If you are, contact me. That takes care of the Air Force...the Army got their plug last month, and the Navy is floating around somewhere, also.

Hope you all have a fine summer. See you on the frequencies.

Doug-KL7IKX

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## THE FIRST VEC EXAMINATION

On April 17, 1984, you could hear on one of the local repeater something unusual: "KL7CQ this is KL7JGU interim AA calling." (What is interim AA, I wondered). "Hello Wilse, I just passed by General Class License, I am no longer a Novice." The excitement was evident, and is to be understood. It may have been only a couple of years ago, or perhaps many, many years ago that you may have passed an FCC exam. It is exhilarating to have been successful! When I passed my General Class test, we were not afforded the excitement of running home and signing interim anything. The FCC has improved our life with instant upgrading. Now we hams are even giving the exams.

That exam session was held in Anchorage, Alaska. The Anchorage amateur Radio Club became the first VEC in March, 1984. By April we had four VE's (volunteer examiners) in the Anchorage area. On May 19, 1984, our second session in Fairbanks was held. The other new VEC's are now beginning to set up and administer examinations. If you are interested in giving tests, remember that you must be 18 years old and hold an Extra class license (the Advanced licensee can participate, but can only give the Technician exam): contact the VEC in your district.

The first exam in Alaska provided the following tests:

Element 1A (5 wpm)	FCC administered		
Element 1B (13 wpm)	9 pass	13 fail	41%
Element 2 (Novice)	0 pass	1 fail	
Element 3 (Tech/Gen)	11 pass	1 fail	92%

9 Certificates of Successful Completion were issued.  
Session Identifier was /AA.

Our second exam in Fairbanks had these statistics:

Element 1A (5 wpm)	1 pass	1 fail	50%
Element 1B (13 wpm)	3 pass	9 fail	25%
Element 2 (Novice)	0	0	
Element 3 (Tech/Gen)	2 pass	2 fail	50%

5 Certificates of Successful Completion were issued.  
Session Identifier was /AB.

The Certificate of Successful Completion is the document which the VE provides the testee which authorizes the new (upgraded) operating privileges (if the applicant currently is licensed).

The Anchorage Club set up a Volunterr Examineer Coordinator Board consisting of four hams: Roger Hansen, KL7HFQ; Joyce Curman, KL7MQ; Tim Michael, NL7D; and David Vogel, NL7P.

The hams participating in these exam sessions were: KL7CQ, Wilse Morgan; KL7HFQ, Roger Hansen; KL7KL, Martha Ogren; and NL7A, John Jones.

In Fairbanks, KL7CQ; AL7L, Pat Moore; and NL7D, Elizabeth Nicoson presided over the first exam given there under the new VEC program.

73 de NL7P  
David Vogel



Following a break, Marriner Bertholf NL7AF, the club's resident stock broker, announced that he had moved from Wedbush, Noble and Cook to E.F. Hutton, and indicated that he would like to continue to service the Club's accounts. It was moved and seconded that the Club's financial accounts be moved to E.F. Hutton. Following discussion, in which it was disclosed that the cash account would earn a greater rate of interest, the Board unanimously agreed to transfer the accounts to E.F. Hutton.

Jim Larsen AL7FS reported that he had contacted the Anchorage Library regarding the placement of books pertaining to amateur radio in the municipality's libraries, and that they responded favorably. Information received from the ARRL revealed that the cost of a set of books would be \$85 or \$90. Since there are 8 libraries in the Anchorage system, an additional \$80 to \$120 would have to be added to the previously-approved \$600 expenditure for this project. Bob McKinnie AL7AW moved that the Board approve the added expenditure. After discussion, in which Treasurer Fred Wegner KL7HFM suggested that we wait until after Field Day to make any purchases in order to avoid using the funds in the club's cash account. It was moved and seconded that the request for the additional funds be tabled until the next Board meeting. Bob AL7AW noted that the motion to table was out of order since his motion to approve the funds was still on the floor. A review of the minutes revealed that AL7AW's motion to approve had not been seconded, therefore the motion to table was in order. KL7ITI called for the question and a vote was taken. The Board voted to table the matter by a majority vote.

Flea Market Raffle Chairman Bob McKinnie AL7AW presented a suggested list of Raffle prizes and ticket seller prizes, as follows: 1st Place - Apple II-C with 2nd disk drive and color monitor, 2nd place - portable VCR and camera, 3rd place - VIC 20 with cassette, disk drive and monitor. It was noted by Martha Neeley KL7QS that the VIC 20 was no longer being produced and that software, etc. was being "dumped" on the market. After discussion, it was decided to replace the VIC 20 with a top-of-the-line microwave/convection oven. It was also decided that the prize for the person who sold the most tickets would be increased to \$500 and the person who sold the second highest number of tickets would receive \$200. The remaining ticket seller prizes would remain the same as in previous years.

Discussion was held regarding a flea market banquet. Tim Pettis KL7WE noted that he would be willing to pay a little more to attend a banquet in which the food and service was better than it was last year. It was noted that the object of the banquet was to get as many to attend as possible, and that an "expensive" affair would inhibit many from attending. Alternatives to the buffet style banquet will be investigated.



Bob AL7AW asked if anyone knew the whereabouts of the club's climbing belt, and also wanted to know where the club antenna trailer would be stored following Field Day, since he would no longer be able to store it at his home. It was decided to keep it at CAP Headquarters on Elmendorf until a permanent storage place could be found.

Bob also reported that, during his visit to BY1PK in China, he found that all of their equipment had been donated. They had been given a Bird wattmeter, but had no slugs for VHF. Bob suggested that the club obtain, and donate to BY1PK, the necessary slugs for operation of the meter in the VHF frequency range. The Board agreed to consider this after a determination had been made as to which slugs would be most useful to the hams at BY1PK.

Bill Reiter KL7ITI noted that volunteers were still needed to man 3 checkpoints for the Mayor's Marathon and 1 checkpoint for a subsequent 10 kilometer run on June 23. Since this is in direct conflict with Field Day, a search for volunteers will continue.

There being no further business, the meeting was adjourned at 9:45 P.M.

Respectfully submitted,

Lance Dunbar AL7BK  
Secretary

#### FO' SALE

1000' of 213 coax @ 50¢/ft. 10% discount for 100'; 20% discount for 200'. Call Daniel KL7WM 274-3051.

Heathkit SB301 HF Receiver. Model 28 ASR TTY, 100WPM. Call Lance AL7BK at 337-6297 after 6:30 PM.

FREE!!! If you are a club member and need guy wire for a tower, call Wilse KL7CQ, or Betty KL7AP at 345-1061. (No, this is not a "trick" ad. Where would you get such an idea. 'JGU)

Heathkit SB401 transmitter and SB303 receiver. External speaker and microphone. All for \$250.00.

Yaesu FT101E with external speaker, spare finals, auto hook-up, and frequency readout meter, \$400.00. Call Rod KL7SA at 274-7970 after 5:00PM on weekdays.

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Want ads are placed free of charge to members of the Anchorage Amateur Radio Club, Inc. Phone newsletter editor Jay Jennings, KL7JGU, at 345-4361 to place an ad. Commercial ads, including ads directly relating to a club members business are \$10 per quarter page; camera ready copy only. Ads may be mailed to the editor at P.O.BOX 104022, ANCHORAGE, ALASKA 99510.

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## SINGLE LETTER BEACONS (SLB)

We have received a plea from Bill Orr W6SAI for some help in trying to solve a puzzle that has confounded hams in the States for over a decade. This is the matter of the Single Letter Beacons (SLBs). They show up in and out of the ham bands. No one knows where they are located, what their purpose is, or to whom the transmissions are intended. It is thought the K-beacon is in Siberia. If so, it should be plenty loud in Alaska. Perhaps the U-beacon is in Europe. No one has a "handle on the cw beacons.

Bill would appreciate some monitoring done on any of the frequencies listed below. Time of day and signal reports are appreciated. If you have any DF capability, that would help, too. Bill reports that they hear the 3978 and 4006 beacons early in the morning and the 9043 beacon is strong until at least noon. The 18342 beacon is heard in the evening. K-beacons are stronger than the U-beacons. The cw beacons are rather weak.

Please let Bill know if you hear or can make some sense out of this puzzle. He will have something about these signals in a forthcoming issue of HAM RADIO magazine. Please send reports to:

William I. Orr W6SAI  
48 Campbell Lane  
Menlo Park, CA 94025

Bill's letter was read at the June 1st meeting. Tom Green KL7TM, Dennis Curman WL7Y, and Fred Wegmer KL7HFM volunteered to listen--how about some more "ears".

### SINGLE LETTER BEACONS (SLBs)

Type 1. The "K" Beacon. This RTTY beacon is a steady carrier, with the FSK letter "K" repeated about every 3 or 4 seconds. The shift is 1000 Hz. On occasion, K-sequence is broken and a series of 5-number code groups are transmitted. Observed frequencies are: 2844, 3978, 4006, 4522, 5181, 5920, 7906, 7956, 8012, 8158, 9043, 10570, 11155, 12150, 14478, 14966, 18086, 18342, 18349, 22310, 28956.

Type 2. The "U" Beacon. Also an FSK beacon, with characteristics as listed above. Observed frequencies are: 4403, 4448, 4466, 6245, 7570, 8137, 8218, 8671, 9058, 10211, 10216, 11210, 12185, 12195, 12329, 13328, 15657, 15700.

Type 3. The CW beacon. These beacons appear in groups of four at a time, spaced about 1 kHz apart, each sending a different letter. Letters are changed quite frequently. Most commonly used letters are: K, F, O, X, D, S, L, C, and 2 cyrillic characters. Beacons are grouped about these observed frequencies: 5307, 6802, 8646, 10645, 11293, 13636, 17017.

(All frequencies  $\pm$  2 kHz)

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MICHAEL LINDEAU, the AARC scholarship recipient completed the Spring term at ACC in the Electronics Technology program with a 4.0 GPA. Congratulations, Mike.



## COMPUTERS FOR AMATEUR OPERATIONS (N5AEN/ART WERTZ/TEXAS)

The use of personal computers is getting more common-place in Amateur Radio operations, particularly after the "price wars" last Fall among the smaller computers. Interface devices (modems & CW/RATT terminals) are available for the Commodore VIC-20 and the Radio Shack Color Computer. Software is readily available for almost any application.

If you are considering buying a computer, keep in mind the two general uses of the term "computer". When someone says they have a "computer", they mean they have a basic computer plus page printer plus disk drives/tape recorder plus a TV monitor/display plus software (computer programs), etc. When a store says they have a "computer" for sale, they normally mean only the basic computer itself. Later, they tell you about the rest of the things you need to make it work!! While a VIC-20 may cost \$70.00, it will take \$40.00 for a cassette recorder to enter and run software, \$300-700 for a page printer, \$200.00 for a CW/RATT terminal (homebrew units will run about \$50.00), and \$5.00-100.00 for specialized software.

The basic computer consists of a microprocessor (fancy calculator) which does all the logic and calculation functions, RAM (random-access-memory), which stores all the information the microprocessor is working with, and various I/O (input/output) devices which interface the microprocessor with the keyboard, video display, tape recorder/disk drives, page printer, etc.

The cassette tape recorder/disk drives are used to "load" computer programs into the computer, and to record data generated by the programs (files), and to record programs written on the computer. Some computers, such as the Commodores, will only work with special or modified audio tape recorders. Disk drives utilize mylar "floppy disks" (magnetically coated) to store programs and data. While disk drives are much more expensive than tape recorders, their speed of operation is necessary for any large application. While all disk drives (basic mechanism) are made by a few companies, all computers require unique interface circuitry to operate with the specific computer.

A page printer is required to get "hard-copy" or paper copies of programs and data. The cheapest printers are the "dot-matrix" type, which form characters by printing a series of dots on the paper. These are good for all but the most critical business "letter-quality" printing requirements. For business use, the "daisy-wheel" printers have become the standard. These use a circular wheel with the characters on it (similar to an IBM "ball" or the character bars of a typewriter), and are impressed on the paper as whole formed characters. The daisy-wheel printers are relatively expensive, and should be considered only if the high quality printing is really required. Dot-matrix printers (Radio Shack, Epson, Gemini, etc) have been greatly improved in the past several years, and are entirely satisfactory for most uses.

The first thing to do is to determine exactly what you want to do with the computer. If you are looking primarily for a CW/RATT terminal operation with a little database/checkbook running on the side, the VIC-20, Color Computer, Texas Instruments, or Atari is probably the way to go. This will give you the cheapest basic computer power, and the units can be expanded/upgraded to a point. They are also the best bet for a "beginner" system if you're not sure how deep you want to get into computers, since they have all the main features of the bigger computers (although limited in speed or capability).



If you are looking for a computer with a capability for running extended home applications (finance/word-processing/databases), then something like the Commodore 64, the larger Atari sets, or the Apple is the way to go.

If you are looking for a system to support home applications and a small or part-time business, the larger Apples or the TRS80 Model 3 or 4 would probably be the best choices.

For Amateur Radio operations on the air, various companies have CW/RATT terminals available as accessory units for most popular personal computers. Software for CW/RATT operations is available for use with home-brew terminal units. The Ham magazines (73, CQ, QST) have all had articles on constructing terminal units. Commercial units range from \$150.00 to \$600.00 depending on the features desired. There are also several computer terminals (Macrotronic, Hal) dedicated to CW/RATT operations. These are relatively expensive for the dedicated use, and are recommended only for someone who wants to operate computerized CW/RATT but has no need for general-purpose computer operations.

The Central Area, Army MARS, has established a Central Area Software Program to collect and distribute computer software applicable to MARS operations. Each state has appointed a State Software Coordinator, who is the local agent for the program. The Central Area Software Library now has over 30 programs registered (all for TRS80 models 1,3,4) and is attempting to get programs for other popular computers. These programs range from database (files), to antenna tower installations, to logging & reporting, to roster files, to op-amp filter design. Attached is a list of the MARS software available through the Central Area Program. The software program is being expanded to cover the Eastern and Western Army MARS Areas. Almost all of the Army MARS software is applicable to regular Amateur Radio operations. Contact K1ZAT if you are interested in any of the software.

Unfortunately, I do not have the time to respond to personal queries regarding computer applications. I highly recommend contacting a local User's Group for the computer you are using or considering. These User's Groups consist of owners of specific type computers, and are an invaluable source of information on advantages, disadvantages, and applications of their computers. Other good sources of information are the MARS and Amateur technical nets and computer nets conducted in several states.



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## From the Desk of 'JGU

How 'bout that! Another month has gone by and I'm still here. I have really been having fun putting out this newsletter. Of course, it is a pain sometimes, especially when I would rather be doing something else, such as watching reruns of 'The Shadow' on the radio, or picking lint out of the carpet. I'm not tired of it yet, but when I am, you'll hear about it (Brazil will probably hear about it).

I thought it would never happen to me, but alas, I have fallen to the dreaded 'Tech Syndrome'. That's right, since I got on 2 meters, I have neglected the HF bands. It pains me to bare my soul this way, but I am convinced that I will beat this horrible affliction! Yes, by the time you receive this epistle, I will have made at least one HF contact! And if I can do it, you can, too! Don't let this disease eat into the amateur community any longer. If you think you have T.S., don't delay...start fighting back NOW! If your code speed is not as it should be, call me up (maybe on 2 meters?), and I'll get on HF with you and we'll work on it together.

Starting the first of July, we have scads of new officers in the AARC. Including yours truly. So now instead of going to the Board Meetings and just listening, I can actually voice my opinion (boy, are you guys in for it now!). If you have never been to a B.M., you should attend one some time. Some are a bit slow paced, but some of them are lively enough that admission should be charged!

If you need to get hold of me for any reason, such as articles, unpaid bills, etc., the best time to call is early morning, or in the evening. I sleep during the middle of the day (no, I don't miss General Hospital...I have a VCR). Der phone number is 345-4361. Or in the middle of the night, Monday thru Friday, 563-4334.

Oh yeah...anybody for a Bunny Hunt?

Jay-KL7JGU